

## Plan Review Summary

### Building Information

Project Name:	Marcus Nanotechnology Cell Mfg. Facility	Floor/Room #:	N/A
Building #:	181	Department:	Facilities D&C and O&M
Occupancy Type:	Business	Budget:	\$4,000,000
Construction Type:	IIB	Type of Review:	Construction Plan Review

### Project Management

Project Manager:	N/A
Architect/Engineer of Record:	Mike Mooreland – Flad Architects
Construction Manager:	Carla Barbour
Aim Project Number:	0242-2016

### Reviewer Information

Reviewer Name:	Cary Redman	Date Received:	3/27/2017
Disposition:	Declined	Date Completed:	4/6/2017

### Status Statement

Note: The renovation of the Marcus Nanotechnology Cell Mfg. Facility in the Nanotechnology Building.

### Review Comments:

1. Sheet A 111C- Provide ventilation for the fire rated cabinets 1275 and 1226 in accordance with NFPA 33.
2. Sheet A 131- Provide interior finishes for panels on ceiling and walls.
3. Sheet A 250- Provide fire rating for interior wood panels.
4. Sheet EL 111- Provide emergency lighting for labs in accordance with Life Safety Code Chapter 7.
5. Sheet EL 111- Verify the emergency lighting in egress corridor.
6. Provide UL fire rating systems for penetrations in the fire rated corridor.
7. Provide Fire Extinguisher layout in accordance with NFPA 10.
8. Provide architects sign and seal on all pages of the documents.

### EHS Review Comments:

1. Sheet MV 111- Provide a plan for showing pressure differentials and where the air flow indicators will be installed.
2. Sheet Q 111- Identify access for decontamination in corridor adjacent to clean room.
3. Sheet Q 111- Identify the doors as interlocking or not interlocking.
4. Sheet Q 111- The emergency combination needs to be separated. The eye wash should be the sink and shower be separate.
5. Sheet Q 111- What happens if someone has an exposure in the GMP lab or testing lab?
6. Sheet Q 111- Are there access issues with the decontamination interlock.

### General Note:

1. Inspection requests: <http://www.ehs.gatech.edu/fire/inspection-request>
2. Hot Work Permit Request: [http://www.ehs.gatech.edu/fire/permit-request/hot\\_work](http://www.ehs.gatech.edu/fire/permit-request/hot_work)

### Plan / Shop Drawings Required:

1. Fire Suppression
2. Fire Alarm

**Inspections Required:**

1. Pre-Construction Meeting
2. 50% Wall (Rated walls, doors, dampers, horizontal penetrations, etc.)
3. 80% Ceiling, Alarm, Sprinkler (vertical penetrations, junction boxes, lights tied at corners, sprinkler and fire alarm roughed in, etc.)
4. 100% Construction, Alarm Commissioning, Sprinkler Commissioning, Certificate of Occupancy (all work complete, commissioning of systems, close-out documents, etc.)

**Permits Required:**

1. Fire Suppression System
2. Fire Alarm

**Permits Issued:**

1. ~~Demolition~~
2. ~~Construction / Interior Renovation~~
3. ~~Fire Suppression System~~
4. ~~Fire Alarm~~

